**AMENDMENT TRANSMITTAL****PATENT**

Application No.: 10/763,882
Filing Date: January 23, 2004
First Named Inventor: Taku Kodama
Examiner's Name: Not Yet Assigned
Art Unit: Not Yet Assigned
Attorney Docket No.: 006453.P029

- ☐ An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action.
- ☒ Charge any fee not covered by any check submitted to Deposit Account No. 02-2666.
- ☒ Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666.
- ☐ Applicant(s) claim small entity status (37 CFR 1.27).

ATTACHMENTS

- ☐ Preliminary Amendment
- ☐ Amendment/Response with respect to Office Action
- ☐ Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal)
- ☐ Notice of Appeal
- ☐ RCE (Request for Continued Examination)
- ☐ Supplemental Declaration
- ☐ Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be properly of record)
- ☒ Information Disclosure Statement (IDS)
- ☐ Copies of IDS citations
- ☐ Petition for Extension of Time
- ☐ Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)
- ☒ Cross-Reference to Related Application(s)
- ☐ Certified Copy of Priority Document
- ☐ Other: _____
- ☐ Other: _____
- ☐ Check(s)
- ☒ Postcard (Return Receipt)

SUBMITTED BY:

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TYPED OR PRINTED NAME: Michael J. MallieSIGNATURE: REG. NO.: 36,591DATE: 4/19/04ADDRESS: 12400 Wilshire Boulevard, Seventh FloorLos Angeles, California 90025TELEPHONE NO.: (408) 720-8300**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)**

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(10/14/03)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Taku Kodama

Examiner: Not Yet Assigned

Application No.: 10/763,882

Art Unit: Not Yet Assigned

Filed: January 23, 2004

For: IMAGE
PROCESSING APPARATUS THAT
DECOMPOSES AN IMAGE INTO
COMPONENTS OF DIFFERENT
PROPERTIES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CROSS REFERENCE TO RELATED APPLICATIONS UNDER 37 C.F.R. § 1.78

Sir or Madam:

Pursuant to 37 C.F.R. § 1.78, Applicants note that the above-identified patent application may be related to the following U.S. Patents and Patent Applications:

- (1) U.S. Patent Application No. 03-659,349, filed September 11, 2003;
- (2) U.S. Patent Application No. 03-641,049, filed August 15, 2003;
- (3) U.S. Patent Application No. 03-637,420, filed August 8, 2003;
- (4) U.S. Patent Application No. 03-657,219, filed September 5, 2003;
- (5) U.S. Patent Application No. 03-646,086, filed August 22, 2003;
- (6) U.S. Patent Application No. 03-646,754, filed August 25, 2003;

- (7) U.S. Patent Application No. 10/600,333, filed June 23, 2003, entitled
"IMAGE DECODING TECHNIQUE FOR SUPPRESSING TILE
BOUNDARY DISTORTION;"
- (8) U.S. Patent Application No. 03-623,558, filed July 22, 2003;
- (9) U.S. Patent Application No. 10/461,399, filed June 16, 2003, entitled,
"CHARGING DEVICE, BODY TO BE CHARGED AND IMAGE
FORMING APPARATUS USING THE SAME;"
- (10) U.S. Patent Application No. 10/463,599, filed June 18, 2003, entitled,
"DATA RECORDING MEDIUM, READING DEVICE, RECORDING
DEVICE, AND METHODS THEREOF;"
- (11) U.S. Patent Application No. 10/390,193, filed March 14, 2003, entitled,
"IMAGE DATA GENERATION WITH REDUCED AMOUNT OF
PROCESSING";
- (12) U.S. Patent Application No. 10/390,263, filed March 14, 2003, entitled,
"IMAGE COMPRESSION DEVICE, IMAGE DECOMPRESSION DEVICE,
IMAGE COMPRESSION/DECOMPRESSION DEVICE, PROGRAM FOR
EXECUTING ON A COMPUTER TO PERFORM FUNCTIONS OF SUCH
DEVICES, AND RECORDING MEDIUM STORING SUCH A
PROGRAM;"
- (13) U.S. Patent Application No. 10/379,533, filed March 06, 2003, entitled,
"METHOD AND DEVICE FOR WRITING CONTROL AND IMAGE
FORMING DEVICE;"
- (14) U.S. Patent Application No. 03-372,476, filed February 21, 2003;
- (15) U.S. Patent Application No. 10/348,444, filed January 21, 2003, entitled
"DATA CONVERSION APPARATUS FOR AND METHOD OF DATA
CONVERSION FOR IMAGE PROCESSING;"
- (16) U.S. Patent Application No. 10/272,857, filed October 18, 2002, entitled
"ENCODER AND ENCODING METHOD FOR ELECTRONIC
WATERMARK, DECODER AND DECODING METHOD FOR
ELECTRONIC WATERMARK, ENCODING AND DECODING

PROGRAM FOR ELECTRONIC WATERMARK, AND RECORDING
MEDIUM FOR RECORDING SUCH PROGRAM;”

- (17) U.S. Patent Application No. 10/283,350, filed October 30, 2002, entitled
“IMAGE DATA PROCESSING DEVICE PROCESSING A PLURALITY OF
SERIES OF DATA ITEMS SIMULTANEOUSLY IN PARALLEL;”
- (18) U.S. Patent Application No. 10/156,093, filed May 29, 2002, entitled
“IMAGE COMPRESSION APPARATUS, IMAGE DECOMPRESSION
APPARATUS, IMAGE COMPRESSION METHOD, IMAGE
DECOMPRESSION METHOD, COMPUTER PROGRAM PRODUCT,
AND RECORDING MEDIUM;”
- (19) U.S. Patent Application No. 10/164,545, filed June 10, 2002, entitled,
“IMAGE COMPRESSION METHOD AND APPARATUS, IMAGE
EXPANSION METHOD AND APPARATUS, AND STORAGE
MEDIUM;”
- (20) U.S. Patent Application No. 10/082,308, filed February 26, 2002, entitled
“IMAGE PROCESSING SCHEME;”
- (21) U.S. Patent Application No. 10/102,633, filed March 22, 2002, entitled,
“IMAGE FORMATION UNIT AND IMAGE FORMATION
APPARATUS;”
- (22) U.S. Patent No. 6,571,071, issued May 27, 2003, entitled, “CONSUMPTION
INFORMATION MANAGEMENT APPARATUS, IMAGE FORMATION
APPARATUS, AND CONSUMPTION INFORMATION MANAGEMENT
SYSTEM;”
- (23) U.S. Patent Application No. 09/964,584, filed September 28, 2001, entitled
“IMAGE FORMING APPARATUS;”
- (24) U.S. Patent Application No. 09/962,580, filed September 26, 2001, entitled
“IMAGE FORMING APPARATUS;”
- (25) U.S. Patent Application No. 09/940,589, filed August 29, 2001, entitled
“IMAGE-READING DEVICE PERFORMING A WHITE-SHADING
CORRECTION BY OBTAINING A PEAK VALUE OF AVERAGE

VALUES OF IMAGE DATA AND READ FROM A REFERENCE-WHITE MEMBER IN BLOCKS AS WHITE-SHADING DATA;”

- (26) U.S. Patent Application No. 09/847,192, filed May 2, 2001, entitled
“METHOD AND SYSTEM FOR SEE-THROUGH IMAGE CORRECTION
IN IMAGE DUPLICATION;”
- (27) U.S. Patent Application No. 09/912,364, filed July 26, 2001, entitled
“SYSTEM, METHOD AND COMPUTER ACCESSIBLE STORAGE
MEDIUM FOR IMAGE PROCESSING;”
- (28) U.S. Patent Application No. 09/846,244, filed May 2, 2001, entitled
“IMAGE FORMING APPARATUS;”
- (29) U.S. Patent Application No. 09/855,665, filed May 16, 2001, entitled
“IMAGE DETECTING METHOD, IMAGE DETECTING SYSTEM,
PROGRAM, AND RECORDING MEDIUM FOR IMAGE DETECTION;”
- (30) U.S. Patent Application No. 09/772,945, filed January 31, 2001, entitled
“IMAGE PROCESSOR AND IMAGE PROCESSING METHOD;”
- (31) U.S. Patent Application No. 09/770,214, filed January 29, 2001, entitled
“IMAGE PROCESSING APPARATUS;”
- (32) U.S. Patent Application No. 09/748,240, filed December 27, 2000, entitled
“METHOD AND APPARATUS FOR IMAGE PROCESSING, AND A
COMPUTER PRODUCT;”
- (33) U.S. Patent Application No. 09/748,262, filed December 27, 2000, entitled
“METHOD AND APPARATUS FOR IMAGE PROCESSING METHOD,
AND A COMPUTER PRODUCT;”
- (34) U.S. Patent Application No. 09/725,569, filed November 30, 2000, entitled
“IMAGE PROCESSOR;”
- (35) U.S. Patent Application No. 09/735,649, filed December 14, 2000, entitled
“METHOD AND APPARATUS FOR IMAGE PROCESSING, AND A
COMPUTER PRODUCT;”

- (36) U.S. Patent Application No. 09/749,819, filed December 28, 2000, entitled
"METHOD AND APPARATUS FOR IMAGE PROCESSING, AND A
COMPUTER PRODUCT;"
- (37) U.S. Patent Application No. 09/801,843, filed March 9, 2001, entitled
"SIMD TYPE PROCESSOR, METHOD AND APPARATUS FOR
PARALLEL PROCESSING, DEVICES THAT USE THE SIMD TYPE
PROCESSOR OR THE PARALLEL PROCESSING APPARATUS,
METHOD AND APPARATUS FOR IMAGE PROCESSING, COMPUTER
PRODUCT;"
- (38) U.S. Patent Application No. 00-693,987, filed October 23, 2000;
- (39) U.S. Patent Application No. 00-706,783, filed November 7, 2000;
- (40) U.S. Patent Application No. 00-654,050, filed September 1, 2000;
- (41) U.S. Patent Application No. 00-706,781, filed November 7, 2000;
- (42) U.S. Patent Application No. 00-665,054, filed September 19, 2000;
- (43) U.S. Patent Application No. 00-705,836, filed November 6, 2000;
- (44) U.S. Patent Application No. 00-713,194, filed November 16, 2000;
- (45) U.S. Patent Application No. 00-664,832, filed September 19, 2000;
- (46) U.S. Patent Application No. 00-551,509, filed April 17, 2000;
- (47) U.S. Patent Application No. 00-565,546, filed May 5, 2000;
- (48) U.S. Patent Application No. 10/308,117, filed December 3, 2002, entitled
"IMAGE DATA ENCODING APPARATUS;" U.S. Patent Application No. ,
filed , entitled, ";"
- (49) U.S. Patent No. 6,507,674, issued January 14, 2003, entitled, "IMAGE
DATA ENCODING APPARATUS;"
- (50) U.S. Patent No. 6,265,997, issued July 24, 2001, entitled, "ARITHMETIC-
ENCODING DEVICE AND AN ARITHMETIC-DECODING DEVICE;"
- (51) U.S. Patent No. 6,519,052, issued February 11, 2003, entitled, "IMAGE
PROCESSING METHOD AND APPARATUS TO SELECT A DATA
COMPRESSION METHOD ACCORDING TO A SIZE OF AN OUTPUT
IMAGE;"

- (52) U.S. Patent No. 6,556,707, filed April 29, 2003, entitled "METHOD AND APPARATUS FOR IMAGE PROCESSING FOR PERFORMING A COLOR CONVERSION;"
- (53) U.S. Patent No. 6,301,391, filed October 9, 2001, entitled "CODING APPARATUS;"
- (54) U.S. Patent Application No. 10/423,911, filed April 28, 2003, entitled "IMAGE PROCESSING SYSTEM FOR COMPRESSING IMAGE DATA INCLUDING BINARY IMAGE DATA AND CONTINUOUS TONE IMAGE DATA BY A SUB-BAND TRANSFORM METHOD WITH A HIGH-COMPRESSION RATE;"
- (55) U.S. Patent Application No. 10/175,838, filed June 21, 2002, entitled "IMAGE PROCESSING SYSTEM FOR COMPRESSING IMAGE DATA INCLUDING BINARY IMAGE DATA AND CONTINUOUS TONE IMAGE DATA BY A SUB-BAND TRANSFORM METHOD WITH A HIGH-COMPRESSION RATE;"
- (56) U.S. Patent No. 6,603,884, issued August 5, 2003, entitled, "IMAGE PROCESSING SYSTEM FOR COMPRESSING IMAGE DATA INCLUDING BINARY IMAGE DATA AND CONTINUOUS TONE IMAGE DATA BY A SUB-BAND TRANSFORM METHOD WITH A HIGH-COMPRESSION RATE;"
- (57) U.S. Patent No. 6,459,816, issued October 1, 2002, entitled, "IMAGE PROCESSING SYSTEM FOR COMPRESSING IMAGE DATA INCLUDING BINARY IMAGE DATA AND CONTINUOUS TONE IMAGE DATA BY A SUB-BAND TRANSFORM METHOD WITH A HIGH-COMPRESSION RATE;"
- (58) U.S. Patent Application No. 98-085,714, filed May 28, 1998;
- (59) U.S. Patent No. 6,137,595, issued October 24, 2000, entitled, "COLOR CONVERSION PROCESSING METHOD FOR COLOR MATCHING AND A PROCESSOR READABLE MEDIUM STORING A PROGRAM FOR

IMPLEMENTING THE COLOR CONVERSION PROCESSING
METHOD;”

- (60) U.S. Patent No. 6,226,011, issued May 1, 2001, entitled, “COLOR CONVERSION METHOD FOR A COLOR MATCHING, A METHOD FOR EXPANDING A FUNCTION OF A PROGRAM MODULE AND A COLOR CONVERSION METHOD USING THE METHOD FOR EXPANDING A FUNCTION OF A PROGRAM MODULE;”
- (61) U.S. Patent No. 6,052,205, issued April 18, 2000, entitled, “IMAGE DATA ENCODING/DECODING METHOD AND APPARATUS CONFIGURED TO COMPRESS BOTH NATURAL GRAY SCALE IMAGES AND BINARY IMAGES;”
- (62) U.S. Patent No. 5,920,658, issued July 6, 1999, entitled, “EFFICIENT IMAGE POSITION CORRECTION SYSTEM AND METHOD;”
- (63) U.S. Patent No. 6,256,412, issued July 3, 2001, entitled, “IMAGE RECOGNITION METHOD AND APPARATUS USING IMAGE ROTATION INFORMATION;”
- (64) U.S. Patent No. 5,917,619, issued June 29, 1999, entitled, “IMAGE FORMING APPARATUS;”
- (65) U.S. Patent No. 6,181,820, issued January 30, 2001, entitled, “IMAGE EXTRACTION METHOD AND APPARATUS AND IMAGE RECOGNITION METHOD AND APPARATUS FOR EXTRACTING/RECOGNIZING SPECIFIC IMAGES FROM INPUT IMAGE SIGNALS;”
- (66) U.S. Patent No. 6,115,495, issued September 5, 2000, entitled, “IMAGE EXTRACTION METHOD AND APPARATUS, AND IMAGE RECOGNITION METHOD AND APPARATUS FOR EXTRACTING/RECOGNIZING SPECIFIC IMAGES FROM INPUT IMAGE SIGNALS;”
- (67) U.S. Patent Application No. 94-354,878, filed December 9, 1994;

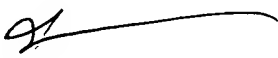
- (68) U.S. Patent No. 5,923,787, issued July 13, 1999, entitled,
"QUANTIZATION DEVICE AND METHOD, INVERSE-
QUANTIZATION DEVICE AND METHOD, AND IMAGE PROCESSING
DEVICE AND METHOD;"
- (69) U.S. Patent Application No. 94-308,281, filed September 16, 1994;
- (70) U.S. Patent No. 5,557,797, issued September 17, 1996, entitled,
"SCHEDULING METHOD FOR AUTOMATICALLY DEVELOPING
HARDWARE PATTERNS FOR INTEGRATED CIRCUITS;"
- (71) U.S. Patent Application No. 94-201,615, filed February 24, 1994, now
abandoned;
- (72) U.S. Patent No. 5,297,220, issued March 22, 1994, entitled, "IMAGE
PROCESSING SYSTEM FOR IMAGE COMPRESSION AND
DECOMPRESSION;"
- (73) U.S. Patent No. 5,406,282, issued April 11, 1995, entitled, "DATA CODING
AND DECODING WITH IMPROVED EFFICIENCY;"
- (74) U.S. Patent No. 5,673,340, issued September 30, 1997, entitled, "IMAGE
PROCESSING APPARATUS FOR PREVENTING OCCURRENCE OF
MOIRE IN A RECONSTRUCTED IMAGE;"
- (75) U.S. Patent Application No. 94-236,024, filed May 2, 1994;
- (76) U.S. Patent No. 5,333,211, issued July 26, 1994, entitled, "IMAGE
PROCESSING APPARATUS FOR PREVENTING OCCURRENCE OF
MOIRE IN A RECONSTRUCTED IMAGE;"
- (77) U.S. Patent No. 5,321,521, issued June 14, 1994, entitled, "IMAGE DATA
COMPRESSION TRANSMISSION METHOD UTILIZING A
SYNCHRONIZATION CODE;"
- (78) U.S. Patent Application No. 90-507,145, filed April 10, 1990, now
abandoned;
- (79) U.S. Patent No. 4,860,214, issued August 22, 1989, entitled, "INFERENCE
SYSTEM;" and
- (80) U.S. Patent Application No. 03-646,754, filed August 25, 2003.

Please charge any shortages and credit any overcharges to our Deposit Account
No. 02-2666.

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

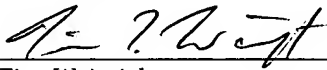
Dated: 4/19 2004



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Tina Wainright 4-19-04
Date